

Converting Colors

$Y_{xy}(41.8585, 0.3596, 0.3409)$

Have a look what the booklet for
Yxy(41.8585, 0.3596, 0.3409)
contains.

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Color

Yxy(41.7548, 0.3597, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	CCA49B
RGB	204, 164, 155
RGB Percent	80%, 64%, 61%
CMY	0.1999, 0.3569, 0.3922
CMYK	0.00, 0.20, 0.24, 0.20
HSL	11°, 32%, 70%
HSV	11°, 24%, 80%
XYZ	44.0963, 41.7548, 36.7408
YIQ	174.9340, 26.7290, 5.6810

Conversions

Conversions Part 2

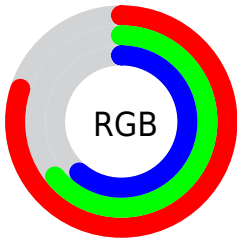
Format	Color
RYB	204, 166, 155
Decimal	13411483
CIELab	70.70, 13.36, 10.25
CIElCh	71, 16.836, 37.492
Yxy	41.7548, 0.3597, 0.3406
Android (android.graphics.Color)	4291601563 (0xFFCCA49B)
YUV	174.9340, -9.8275, 25.4909
Hunter-Lab	64.6180, 8.7298, 11.5212

Details

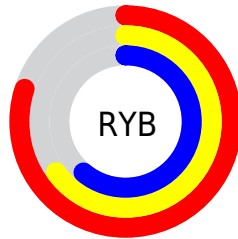
The Yxy color **41.7548, 0.3597, 0.3406** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.3617, 0.2766, 0.3171**, and the grayscale version is **42.8765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5265, 0.3461, 0.3392**, and **18.9774, 0.3739, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **35.5529, 0.3865, 0.3457**, and if you desaturate by 10%, it is **48.8568, 0.3375, 0.3356**.

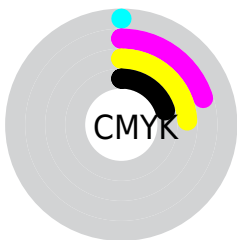
Distribution



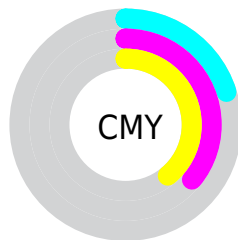
- Red (80%)
- Green (64%)
- Blue (61%)



- Red (80%)
- Yellow (65%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (20%)




- Cyan (20%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7548, 0.3597, 0.3406 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 41.7548, 0.3597, 0.3406 by changing the saturation by 10% instead.


 41.7548, 0.3597,
0.3406

 41.7548, 0.3597,
0.3406


353.4655, 0.3356,
0.3351

 28.9093, 0.3659,
0.3419


 77.8284, 0.3508,
0.3387

 19.0123, 0.3740,
0.3434


 101.8253, 0.3475,
0.3379

 11.6791, 0.3850,
0.3453


130.3082, 0.3447,
0.3373

 6.5256, 0.4007,
0.3477

163.6614, 0.3423,
0.3368

 3.1672, 0.4249,
0.3505

202.2693, 0.3403,
0.3363

 1.2196, 0.4733,
0.3582

246.5164, 0.3385,

 0.0777, 0.8374,

0.3358

0.1626

296.7870, 0.3370,
0.3355

0.0000, 0.0000,
0.0000

41.7548, 0.3597,
0.3406

41.7548, 0.3597,
0.3406

35.5529, 0.3865,
0.3457

48.8568, 0.3375,
0.3356

30.2095, 0.4182,
0.3507

56.8869, 0.3192,
0.3308

25.6881, 0.4550,
0.3549

65.8793, 0.3040,
0.3264

21.9474, 0.4958,
0.3576

75.8644, 0.2915,
0.3224

18.9424, 0.5379,
0.3578

86.7420, 0.2822,
0.3208

■ 16.6235, 0.5768,
0.3550

■ 91.5798, 0.2827,
0.3289

■ 14.9344, 0.6076,
0.3489

■ 14.1937, 0.6214,
0.3448

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.7548, 0.3467, 0.3200



41.7548, 0.3597, 0.3406



41.7548, 0.3594, 0.3592

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.7548, 0.3597, 0.3406



41.7548, 0.2998, 0.3583



41.7548, 0.2793, 0.2888

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.7548, 0.3597, 0.3406



50.3617, 0.2766, 0.3171

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.7548, 0.2679, 0.2970



41.7548, 0.3597, 0.3406



41.7548, 0.2794, 0.3371

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.7548, 0.3597, 0.3406



41.7548, 0.3243, 0.3708



41.7548, 0.2679, 0.3144



41.7548, 0.2998, 0.2908

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.7548, 0.3597, 0.3406



41.7548, 0.3519, 0.3680



41.7548, 0.2679, 0.3144



41.7548, 0.2743, 0.2903

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.7567, 0.3597, 0.3406



89.9570, 0.3244, 0.3322



40.2206, 0.3235, 0.2800



19.0771, 0.3255, 0.3325



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.7567, 0.3597, 0.3406



63.4670, 0.3734, 0.3434



51.3829, 0.3528, 0.3706



11.5416, 0.3286, 0.3333



9.0319, 0.6194, 0.3464



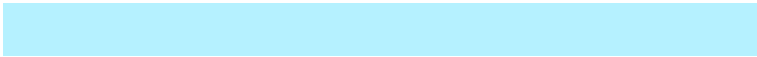
0.5694, 0.5831, 0.3752

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.3617, 0.2766, 0.3171



80.2038, 0.2690, 0.3141



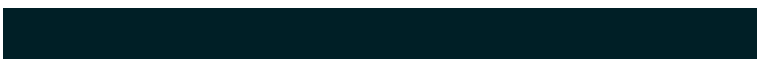
40.2711, 0.2738, 0.2836



12.3628, 0.2983, 0.3246



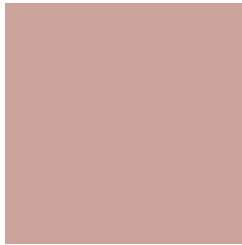
20.1533, 0.2082, 0.2696



1.1331, 0.2118, 0.2825

Previews

White Background



This preview shows how the Yxy color 41.7548, 0.3597, 0.3406 looks on a white background.

Color Contrast Check

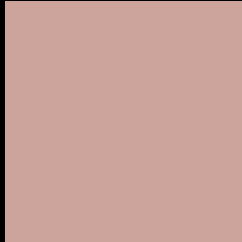
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.7548, 0.3597, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

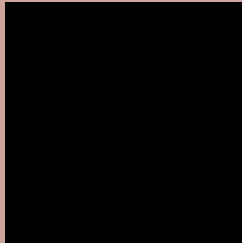
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7548, 0.3597, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 41.7548, 0.3597, 0.3406.



This preview shows how white text looks on a background with the Yxy color 41.7548, 0.3597, 0.3406.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.7548, 0.3597, 0.3406

Protanopia

42.1285, 0.3301, 0.3467

Deuteranopia

41.8408, 0.3529, 0.3460



Tritanopia

41.6675, 0.3442, 0.3129

Trichromacy



Original Color

41.7548, 0.3597, 0.3406

Protanomaly

42.0369, 0.3409, 0.3450

Deuteranomaly

41.8849, 0.3561, 0.3446

Tritanomaly

41.6098, 0.3497, 0.3228

Monochromacy



Original Color

41.7548, 0.3597, 0.3406

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3921, 0.3290, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7548, 0.3597, 0.3406 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(204, 164, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 164, 155) }
```

Border

The CSS property to change the border of an element to Yxy 41.7548, 0.3597, 0.3406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 164, 155) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(204, 164, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(204, 164, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(204, 164,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7548, 0.3597, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 164, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
164, 155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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